

ABSTRACT

A stent-graft fabricated from a high strength and lubricious material provides for a more durable and lower profile endoprosthesis. The stent-graft
5 comprises one or more stent segments covered with a fabric formed by the weaving, knitting or braiding of a biocompatible, high tensile strength, abrasion resistant, highly durable fiber such as spider dragline silk. The one or more stent segments may be balloon expandable or self-expanding. The fabric may be attached to the stent segments utilizing any number of known materials and
10 techniques.